Atty. Docket No. 32584-1050

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re applicati	on of: Suk Shin IN))	
Carial No.		Group Art Unit:	Not Assigned
Serial No.:	Not Assigned) Examiner:	Not Assigned
PCT No.	PCT/KR2005/000862)	
Filed:	September 22, 2006))	
For:	WATER HAMMER)	
•)	

San Diego, California September 22, 2006

Mail Stop: PCT

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir or Madam:

In accordance with 37 C.F.R. § 1.56, Applicants make the below-listed documents of record in the above-identified application. In accordance with 37 C.F.R. § 1.97, this statement is not to be construed as a representation that a search has been made, and is not a representation that the information cited is effective as prior art to the application or is material to patentability.

CERTIFICATE EXPRESS OF MAILING

I hereby certify that this correspondence and anything being referred to as enclosed herein is being deposited with the United States Postal Service via Express Mail "Post Office to Addressee," Label # EV 493199698, with sufficient postage in an envelope addressed to Mail Stop: PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on this 22nd of September, 2006.

Signature:

Amy M. Sheridar

U.S. Patents and Patent Publications

- 1. U.S. Patent No. 5,787,995, to Ekwall et al., issued on August 4, 1998;
- 2. U.S. Patent No. 5,107,944, to Per Gustafsson, issued on April 28, 1992; and
- 3. U.S. Patent No. 4,660,658, to Per Gustafsson, issued on April 28, 1987.

Non-U.S. Patent Documents

- 1. Japanese Publication No. JP 10-088952 to Koken Boring Mach Co. Ltd., published on April 7, 1998; and
- 2. International PCT Publication No. WO 94/23171, to SDS Pty. Ltd., published on October 13, 1994.

Copies of the U.S. patents and U.S. patent publications listed on the enclosed form PTO/SB/08 are not enclosed, in accordance with the waiver of the requirement of 37 C.F.R. § 1.98(a)(2)(i) for submitting a copy of each cited U.S. patent and U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003 that appears in the Official Gazette Notice (Week No. 31) dated August 5, 2003 and entitled "Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications Filed After June 30, 2003". Copies of the above-listed non-U.S. documents, which are listed above and on the accompanying Form PTO/SB/08, are enclosed. In addition to the documents listed herein, also enclosed is a photocopy of the International Search Report from the international application.

10/593992 IAP9 Rec 0 PCT/PTO 22 SEP 2006

It is respectfully requested that this document be (1) fully considered by the U.S. Patent and Trademark Office in the examination of the above-identified application; and (2) printed on any patent which may issue on this application. It is also respectfully requested that a copy of Form PTO/SB/08, upon being considered and initialed by the Examiner, be returned to the undersigned with the next communication in accordance with M.P.E.P. § 609.

This Information Disclosure Statement is filed concurrently with a Request for National Stage into the United States based upon a related international application, pursuant to 37 C.F.R. 1.97(b). Therefore, it is believed that no fee is required in connection with this submission. If a fee is required, please charge Deposit Account No. 50-2298, in the name of Luce, Forward, Hamilton & Scripps LLP.

Respectfully submitted,

Date

9/22/06

Mitchell P. Brook

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c/o

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PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

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Complete if Known Substitute for form 1449A/PTO Not Assigned **Application Number** INFORMATION DISCLOSURE September 22, 2006 **Filing Date** STATEMENT BY APPLICANT **First Named Inventor** Suk Shin IN Art Unit Not Assigned (use as many sheets as necessary) Not Assigned **Examiner Name** Attorney Docket Number of Sheet 32584-1050

	U.S. PATENT DOCUMENTS				
Examiner Initials		Document Number Number - Kind Code ² (if known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 5,787,995	08-04-1998	Ekwall et al.	
		US- 5,107,944	04-28-1992	Per Gustafsson	
·		US- 4,660,658	04-28-1987	Per Gustafsson	***************************************
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	FOREIGN PATENT DOCUMENTS					
Examiner Initials	Cite No. ¹	Foreign Patent Document  Country Code 3 - Number 4 - Kind Code 5 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т6
		JP 10-088952	04-07-1998	Koken Boring Mach Co. Ltd.		*
		WO 94/23171	10-13-1994	SDS Pty. Ltd.	COMPANY OF THE PROPERTY OF THE	,,
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.